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Title: "Pointing Systems for Addressing Objects"

ABSTRACT

Systems are arranged to provide a user information which relates to objects of interest. A user may point a hand held device toward an object to address it. The device determines which objects are being addressed by making position and attitude measurements and further a reference and search of a database containing preprogrammed information relating to objects. Information relating to objects determined as objects presently being addressed is thereafter presented at a user interface. Devices of these systems include a point reference, a direction reference, a position determining support, attitude determining support, a computer processor and database, and a user interface. Methods of systems include the steps of addressing an object, determining position and attitude, searching a database, and presenting information to a user.